PATENT COOPERATION TREATY



INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	·		
BP104158	FOR FURTHER ACTION	see Notification of (Form PCT/ISA/22	Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
International application No.	International filing dat	e (day/month/year)	(Earliest) Priority Date (day month year)
PCT/FI 02/00551	20 June 2002		
Applicant			
Nokia Corporation et al			
This international search report has applicant according to Article 18. A	peen prepared by this In copy is being transmitted	ternational Searchi d to the Internation	ng Authority and is transmitted to the al Bureau.
This international search report consi	ists of a total of3	_ sheets.	
X It is also accompanied by	a copy of each prior a	rt document cited is	n this report.
1. Basis of the report			
 a. With regard to the language, the in the language in which it was 	ne international search was filed, unless otherwise i	vas carried out on t ndicated under this	he basis of the international application item.
the international search w to this Authority (Rule 23	vas carried out on the bass.1(b)).	asis of a translation	of the international application furnished
 b. With regard to any nucleotide s international search was carried 	and/or amino acid sequent of out on the basis of the	nce disclosed in the sequence listing:	international application, the
contained in the internation	onal application in writte	en form.	
filed together with the inte	rnational application in	computer readable	e form.
furnished subsequently to	this Authority in writter	form.	
furnished subsequently to			
the international application	on as filed has been fur	nished.	does not go beyond the disclosure in
the statement that the info	ormation recorded in con	mputer readable for	rm is identical to the written sequence
2. Certain claims were found	unsearchable (See Box	I).	
3. Unity of invention is lacking	ng (See Box II).		
4. With regard to the title,			
the text is approved as sul	omitted by the applicant	•	
the text has been establish	ed by this Authority to	read as follows:	
5. With regard to the abstract,			
the text is approved as sub	• ••		
comments to this Authorit	month from the date of y.	mailing of this inte	ority as it appears in Box III. The rnational search report, submit
6. The figure of the drawings to be pu		t is Figure No	6
as suggested by the applicant faile			None of the figures.
because the applicant faile			
because this figure better o	haracterizes the invention	on.	

INTERNATIONAL SEARCH REPORT

International application No.

SI 02/00551

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 27/26
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001012762 A1 (KUEHN, A. ET AL), 9 August 2001 (09.08.01), section [0025] - [0027]	1-43
		
A	EP 1180851 A2 (ZARLINK SEMICONDUCTOR LIMITED), 20 February 2002 (20.02.02), column 4, line 33 - column 5, line 33	1-43
		
A .	<pre>EP 1043874 A2 (BRITISH BROADCASTING CORPORATION), 11 October 2000 (11.10.00), cited in the application</pre>	1-43
	 .	

X	Further documents are listed in the continuation of Box	C.	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority
"A"	document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) $	"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone
	special reason (as specified)	"Y"	document of particular relevance: the claimed invention cannot be
0	document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
P	document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family
Dat	e of the actual completion of the international search	Date	of mailing of the international search report
20	January 2003		2 2 -0 1- 2003
Nan	ne and mailing address of the ISA/	Autho	rized officer
Swe	edish Patent Office		·
Box	5055, S-102 42 STOCKHOLM	Fred	irik Blomqvist /OGU
Fac	simile No. +46 8 666 02 86		none No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCLEI 02/00551

	ation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No
A	EP 1011235 A2 (NORTEL NETWORKS CORPORATION), 21 June 2000 (21.06.00), column 3, line 25 - column 4, line 18		1-43
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INTERNATIONAL SEARCH REPORT

Information on patent family members

30/12/02

International application No.

PCT/FI 02/00551

	atent document d in search report		Publication date		Patent family member(s)		Publication date
US	2001012762	A1	09/08/01	BR EP WO	0008822 1166517 0152494	A	15/01/02 02/01/02 19/07/01
EP	1180851	A2	20/02/02	GB JP US	0020071 2002152613 2002073436	Ā	00/00/00 24/05/02 13/06/02
EP	1043874	A2	11/10/00	GB GB	2348783 9907924		11/10/00 00/00/00
EP	1011235	A2	21/06/00	GB	9827601	D	00/00/00

Form PCT/ISA/210 (patent family annex) (July 1998)